

Docket No.: M4065.0703/P703

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Examiner: Khanh Duong

Kristy A. Campbell, et al.

Art Unit: 2822

Application No.: 09/943,187

Allowed: January 2, 2004

Filed: August 29, 2001

For: METHOD OF FORMING

CHALCOGENIDE COMPRISING DEVICES AND METHOD OF FORMING A PROGRAMMABLE MEMORY CELL OF MEMORY

CIRCUITRY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

FILED UNDER 37 C.F.R. § 1.97(D)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of the reference on the PTO/SB/08 is attached.

In accordance with 37 C.F.R. §§ 1.97(d)(1) and 1.97(e)(2), I hereby certify that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of

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Application No.: 09/943,187 Docket No.: M4065.0703/P703

information contained in this Supplemental Information Disclosure Statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

In accordance with 37 C.F.R. §1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. In accordance with 37 C.F.R. § 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

Moreover, in accordance with 37 C.F.R. § 1.97(d)(2), a fee of \$180.00 is submitted concurrently with the filing of this Supplemental Information Disclosure Statement. The Director is also hereby authorized to charge any deficiency in fees asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm), to our Deposit Account No. 04-1073, under Order No. M4065.0703/P703. A duplicate copy of this paper is enclosed.

Dated: April 2, 2004

Respectfully, submitted,

Thomas J. D'Amico

Registration No.: 28,371

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB o651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF CO MMERCE

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Substitute for form 1449A/B/PTO				Complete if Known				
				Application Number	09/943,187-Conf. #8497			
IN.	IFORMATION	N DI	SCLOSURE	Filing Date	August 29, 2001			
STATEMENT BY APPLICANT				First Named Inventor	Kristy A. Campbell			
				Art Unit	2822			
İ.	(Use as many sh	e ets as	necess ary)	Examiner Name	Khanh Duong			
Sheet	1	of	1	Attomey Docket Number	M4065.0703/P703			

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ [¢]		
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"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	CA	YOJI KAWAMOTO, et al., "Ionic Conduction in As ₂ S ₃ -Ag ₂ S, GeS ₂ -GeS-Ag ₂ S AND P ₂ S ₅ -Ag ₂ S Glasses," Journal of Non-Crystalline Solids 20, pp. 393-404 (1976).				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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Examiner	Date
Signature	Considered
Signature	Considered

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

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CCC TO A MORNITT A L		Complete if Known							
FEE TRANSMITTAL	Ī	Application Number				09/943,187-Conf. #8497			
for EV 2004	Filing Date			August 29, 2001					
for FY 2004	1	First I	Named	Inven	ntor I	Kristy A.	Campbell		
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name				Khanh Duong		-	
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				2822				
TOTAL AMOUNT OF PAYMENT (\$) 180.00		Attorney Docket No. M4065.0703/P703					703/P703		
	_	FEE CALCULATION (continued)							
METHOD OF PAYMENT (check all that apply)	┝			FEE	CALCUL	ATION (co	ntinued)		
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X Deposit Account:		Entite	Cmall.	Entitu					
Deposit Account 04-1073	Fee	arge Entity Small Entity Fee Fee Fee Fee Fee Description							
Number	Code	(\$)	Code	(\$)		ree Desc	nption	Fee Paid	
Deposit Account Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge -	- late filing fe	e or oath		
Name Oshinsky LLP	1052	50	2052	25		- late provisio	onal filing fee or cover		
The Director is authorized to: (check all that apply)					sheet.				
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	-English specification			
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812		•	filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920	Examiner ad	ction	of SIR prior to		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner ac	publication o	f SIR after		
FEE CALCULATION	1251	110	2251	55	Extension fo		first month		
1. BASIC FILING FEE	1252	420	2252	210	Extension fo	or reply within			
Large Entity Small Entity	1253	950	2253	475	Extension fo	or reply within	third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension fo	or reply within	fourth month		
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	E xtension fo	or reply within			
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Ap	peal			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief	f in support o	f an appeal		
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for	oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	P etition to in	istitute a pub	lic use proceeding		
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to re	evive – unav	oidable		
``_``	1453	1,330	2453	665	Petition to re	evive - uninte	intional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501	665	Utility issue	fee (or reissu	1e)		
Claims below Fee Paid	1502	480	2502	240	Design issue	e fee			
Total Claims -** = x = x	1503	640	2503	320	Plant issue f	fee			
Independent Claims -** = X = =	1460	130	1460	130	Petitions to 1	the Commiss	sioner		
Multiple Dependent =	1807	50	1807	50	Processing 1	fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission	of Information	n Disclosure Stmt	180.00	
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40			ssignment per of properties)		
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a subr	mission after	final rejection		
1201 86 2201 43 Independent claims in excess of 3					(37 CFR 1.1	129(a)) Iditional inver	ation to be		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385		37CFR 1.129			
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	, .		xamination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for of a design a	expedited ex application	camination		
and over original patent	Other fee (specify)								
SUBTOTAL (2) (\$) 0.00	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00					180.00			
**or number previously paid, if greater; For Reissues, see above	<u> </u>								
SUBMITTED BY	<u> </u>					(Complete	(if applicable))		
Name (Print/Type) Thomas J. D'Amico		ration No ey/Agent)	28	,371		Telephone	(202) 828-2232		
Signature Sec	>	\$				Date	April 2, 2004		